UNITED STATES OPEN FILE REPORT 79-878 LAY SE QUADRANGLE DEPARTMENT OF THE INTERIOR PLATE 12 OF 44 COLORADO-MOFFAT CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107° 52′ 30″ 40° 37′ 30″ 107° 45′ 40° 37′ 30″ 47'30" R. 93 W. **EXPLANATION** 19 20 21 22 23 24 19 ISOPACHS - Showing thickness of coal, in feet. Isopach interval 1 foot. 0 6 30 DRILL HOLE - Showing thickness of coal, 29 28 27 26 25 30 in feet. 29 POINT OF MEASUREMENT - Showing thickness of coal, in feet. Includes all points of measurement other than drill holes. FU[40] - Fort Union [40] FU[38] - Fort Union [38] COAL BED SYMBOLS AND NAMES - Coal beds or zones identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only. 32 33 34 35 36 —FU[38]—————— 32 31 TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where projected by present authors. T. 8 N. T. 8 N. T. 7 N. TRACE OF FAULT - Bar and ball on down-T. 7 N. thrown side. Dashed where inferred or approximately located. To convert feet to meters, multiply feet by 0.3048. 5 35' 10 11 12 13 15 14 17 18 NOTE: Isopachs are not drawn beyond those shown because of insufficient data. 19 20 23 24 19 20 32'30"-32'30" Isopach map of the Middle Coal Group, coal bed [6] 30 29 27 26 28 25 30 29 34 32 33 36 31 32 35 T. 6 N T. 6 N. (HORSE GULCH) 4464 11 NI SCALE 1:24000 107° 52′ 30″ 107° 45′ Base from U.S. Geological Survey, 1969 Compiled in-1979 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. COLORADO UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

> COAL RESOURCE OCCURRENCE MAP OF THE LAY SE QUADRANGLE, MOFFAT COUNTY, COLORADO

QUADRANGLE LOCATION

BY DAMES & MOORE 1979

PLATE 12

ISOPACH MAPS OF THE MIDDLE COAL GROUP, COAL BED [6], AND THE FORT UNION [38] AND [40] COAL BEDS